



NOTES CONT.

- 8. LOCATE DISCONNECT AS CLOSE TO VALVE AS POSSIBLE
- 9. SIGHT GLASS SHALL BE DISCONNECTED FROM NC SYSTEM PRIOR TO SYSTEM PRESSURIZATION.

NUCLEAR SAFETY-RELATED EXCLUSIONS

- 1. Fittings, tubing, piping & valves (not part of a safety-related piping system, etc.)
- a)
- 2. Instruments (do not serve a safety function)
- a) 2NCLT5990, 2NCLT5991, 2NCL67940

FUNCTIONAL DESCRIPTION:

2NCLT5990 monitors wide-range level & provides signal to 2NCP 5990. 2NCLT5991 monitors narrow-range level & provides signal to 2NCP 5991. 2NCLT5990 & 2NCLT5991 are used for maintenance & refueling.

NOTES:

- 1. IMPULSE LINE TO RUN LEVEL FROM PROCESS TAP TO INSTRUMENT OR SLOPE IMPULSE LINE DOWNWARD FROM PROCESS TAP TO INSTRUMENT.
- 2. LOCATE EXPANSION COIL BETWEEN THE LAST ROOT VALVE AND FIRST SUPPORT BRACKET.
- 3. FIRST ROOT VALVE INLET SHOULD BE AT LEAST SIX INCHES FROM PROCESS IF POSSIBLE.
- 4. Piping spec. 2501.2 is to be used at the outlet of the 9000# 3/4" X 1/2" reducer insert.
- 5. Any group of fittings may be used as long as the proper ID is acquired for flow restriction. (ID from .250 to .375)
- 6. Use Classification in place of Classification

QA CONDITION I
NUCLEAR SAFETY RELATED
 (EXCEPT AS EXCLUDED ABOVE)

REV.	PER	AS	BULT	DATE	BY	CHKD	APPR	DATE
9	REVISED	NOTE 1						
8	ADDED	NOTE						
7								
6								
5								
4								
3								
2								
1								

DUKE POWER COMPANY			
MCGUIRE NUCLEAR STATION UNIT 2			
INSTRUMENT DETAIL			
REACTOR COOLANT SUSYEM LEVEL			
DESIGNER	DATE	INSP	DATE
DRAWN	DATE	INSP	DATE
CHECKED	DATE	APPR	DATE
DWG. NO.	MC-2499-NC7	REV	12

11	REV PER	NSM-MG-20189					
10	RDD INST	PER NSM-MG-20020					

REV. 8 AS PER VN# 23,523
 REV. 7 AS PER VN# 22,619
 REV. 6 AS PER VN# 20,635

CL.1 HYDRO

SHT. 4

SI
 APERTURE
 CARD

FOR INFORMATION
 ONLY

8904060256

PDR RIDS

